

Table 4

Survey Results (Reference Standard) versus Annotations and Administrative Data

	Survey +	Survey –	
Annotations			
Emergency contraception +	1	0	PPV: 1.00
Emergency contraception –	0	55	
	Sensitivity: 1.00	Specificity: 1.00	
Oral contraceptive pills +	16	5	PPV: 0.76
Oral contraceptive pills –	1	47	
	Sensitivity: 0.73	Specificity: 0.85	
NuvaRing/patch +	5	3	PPV: 1.00
NuvaRing/patch –	1	47	
	Sensitivity: 0.63	Specificity: 1.00	
IUD +	1	2	PPV: 0.33
IUD –	0	53	
	Sensitivity: 1.00	Specificity: 0.96	
DMPA +	1	1	PPV: 0.50
DMPA –	0	54	
	Sensitivity: 1.00	Specificity: 0.98	
Male condoms +	5	3	PPV: 0.63
Male condoms –	7	41	
	Sensitivity: 0.42	Specificity: 0.93	
	Survey +	Survey -	
Administrative data (pharmacy/ICD-9- CM/CPT)			
Emergency contraception +	0	0	PPV: 0
Emergency contraception –	1	55	
	Sensitivity: 0	Specificity: 1.00	
Oral contraceptive pills +	9	0	PPV: 1.00
Oral contraceptive pills –	13	34	
	Sensitivity: 0.41	Specificity: 1.00	
NuvaRing/patch +	3	0	PPV: 1.00
NuvaRing/patch –	3	50	
	Sensitivity: 0.50	Specificity: 1.00	

IUD +	1	1	PPV: 0.50
IUD –	0	54	
	Sensitivity: 1.00	Specificity: 0.98	
DMPA +	1	0	PPV: 1.00
DMPA –	0	54	
	Sensitivity: 1.00	Specificity: 1.00	
Male condoms +	0	0	PPV: NA
Male condoms –	12	44	
	Sensitivity: 0	Specificity 1.00	

Abbreviations: + = positive; – = negative; DMPA: depot medroxyprogesterone acetate; IUD, intrauterine device; NA, not applicable; PPV: positive predictive value.